

SSR Review Fieldwork Planning

SSR Review Fieldwork Planning (WDC).doc

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Initial draft: Alejandro Pisanty, July 11, 2011

This document: report of the Drafting Team Meeting of the SSR-RT, Washington, DC, US, July 21, 2011, Alejandro Pisanty

Issues/questions/Priority+Precedence	Primary responder/s	Additional notes on responders	Documents /Interviews /Interview Questions	Observations
<p>1.1. Clarifying ICANN's SSR responsibilities</p> <p>ICANN has a complex mission, with certain direct SSR responsibilities for the DNS. However, in relation to the full range of SSR aspects for the DNS, ICANN's remit is limited to:</p> <ol style="list-style-type: none">1) control over a few aspects, while being able to exert2) influence over some other aspects, and having opportunities to take part in3) cooperative efforts for many additional aspects <p>further, a number of elements of the risk landscape of the DNS are outside ICANN's purview, yet must be considered by ICANN in contingency planning and in its outreach efforts meant to improve the health of the environment.</p>				

<p>1. Does ICANN have a clear, unambiguously stated remit for SSR?</p>		<p><i>Not ask ICANN Chair</i></p> <p><i>SSR-RT ourselves</i></p> <p><i>External experts: (Manning):</i></p> <p><i>Jun Murai</i></p> <p><i>Calvin Browne</i></p> <p><i>Scott Bradner</i></p>		<p><i>We don't think the remit is clear enough. There could be a benefit from a clearer definition of ICANN's remit.</i></p>
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<p>2. What is ICANN's 'limited technical mission'?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Open consultation</p>	<p><i>Not ask ICANN Chair</i></p> <p><i>SSR-RT ourselves</i></p> <p><i>External experts: (Manning):</i></p> <p><i>Jun Murai</i></p> <p><i>Calvin Browne</i></p> <p><i>Scott Bradner</i></p>	<p><i>The limited technical mission is stated to be a coordinating role for the DNS. There is no reference in the mission statement, charter or bylaws that reference any Operational role for ICANN or the IANA.</i></p> <p><i>The SSR plan looks at a continuum of engagement, from activities where ICANN has direct control, through cooperation, then influence, to not engaged. For virtually all the items in the SSR plan where ICANN has direct control, these are operational activities which are not comprehended in ICANNs mission, charter or bylaws as being part of coordinating role. These are directly operational activities and as such fall outside the defined scope.</i></p> <p><i>It is possible that such operational roles become part of ICANNs contractual obligations to its clients and should then be reflected in its organizational mission.</i></p>
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<p>3. Has ICANN, intentionally or unintentionally, deviated from the agreed / understood remit?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Open consultation</p>	<p>Same as above</p>		<p><i>ICANN has deviated from its remit.</i></p>
<p>4. How is each assigned task documented?</p>	<p>ICANN CEO, may delegate to COO, VPs, Security head</p>	<p><i>(THIS REFERS TO TASKS IN THE SSR-RT PLAN)</i></p>		<p><i>TALK TO PATRICK JONES</i></p>
<p>5. Is the community perception of ICANN's role consistent with the assigned tasks and with ICANN's perception of these tasks?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Poll</p> <p>Open consultation</p>			

1.2. Clarifying ICANN's relationships with SOs and ACs

ICANN's very different relationships with each SO / AC and with the contracted parties impinge significantly on the way ICANN can handle security, stability, and resilience of the DNS.

1.2.1. Relationship with RSSAC

ICANN's relationships with RSSAC and individual Root Server Operators should be clarified and the Terms of Reference of SSAC and RSSAC examined to identify further questions. These relationships and the procedures that the RSSAC and the individual Root Server Operators execute are critical for the stability, security, and resilience of the DNS.

The individual Root Server Operators' relations with other entities were documented by themselves in 2004. There is a need to document the present situation, and review whether they are properly adapted to the massive changes that have occurred since then, such as the incorporation of IDNs into the root, the opening of a process to incorporate new gTLDs in large numbers, a constant and explosive increase in ways to abuse the DNS for crime and other forms of misconduct, the introduction of DNSSEC, the use of Anycast and degree of diffusion /number of instances, and many others. Each Root Server Operator has contracts with at least one entity, but there is not a single entity that has contracts with all of them.

Diversity is a stated objective for the Root Server Operator community. This Review must establish whether the balance between the benefits and the risks arising from diversity are being properly managed.

The Root Server Operators see their relation with IANA as of primary importance and have been reluctant to engage in a contract with ICANN as some of them consider ICANN a potentially temporary contractor of the IANA function.

The initial hypothesis that ICANN's lack of contracts with Root Server Operators would destabilize security may need to be revisited or studied with much further elaboration.

6. The Review must tease out how ICANN defines its goal of 100% uptime for the DNS, the L-Root Server and the .INT servers, and what and how it can actually be achieved. For this the null hypothesis is that the issue can only be discussed rationally if in parallel to a discussion of scope of ICANN, the DNS, and the goals themselves.

44. Is the number of 13 root servers the true limit, esp. with IPv6 addresses and packets larger than 512 bits for the number of the root? Is it the right architecture?

45. Are the 13 in the right places and for the right reasons? Are all of them performing and are they fulfilling a mission optimally? The asymmetries in the number of Anycast servers supported by each root server suggests the need to review (see <http://www.root-servers.org/>)

Questions to consider:

<p>Is the number of 13 root servers the true limit, esp. with IPv6 addresses and packets larger than 512 bits for the number of the root? Is it the right architecture?</p> <p>Are the 13 in the right places and for the right reasons? Are all of them performing and are they fulfilling a mission optimally? The asymmetries in the number of Anycast servers supported by each root server suggests the need to review (see http://www.root-servers.org/)</p>				
<p>45 bis. What is the accountability of each of the root-server operators?</p>				<p><i>ISC is accountable to its constituencies in terms which ISC defines itself.</i></p> <p><i>Every operator (but for 3) has stated that they will do what IANA says they should.</i></p> <p><i>Are the software vendors sufficiently compliant with ICANN?</i></p> <p><i>ISC and other root-server operators do not consider themselves accountable to ICANN.</i></p>
<p>How does ICANN define its goal of 100% uptime for the DNS?</p>				<p><i>This goal has been removed from the plan. Ask about the new statement of the goal.</i></p>

<p>7. Are the current 2004 ICANN-RSSAC documents still suitable and relevant for the current situation of the expanding gTLD landscape?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>GAC Chair</p> <p>RSSAC leads</p> <p>SSAC leads</p> <p>Experts</p> <p>Interested parties – gTLD, ccTLD, security community; direct or through SO, AC leads?</p> <p>Open consultation</p>			<p><i>ICANN and the parties represented in the RSSAC do not use the RSSAC channel to communicate frequently enough. That hesitation is a threat.</i></p>
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<p>8. Is the relationship between ICANN and RSSAC the correct one and if not, what are the gaps?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>GAC Chair</p> <p>RSSAC leads</p> <p>SSAC leads</p> <p>Experts</p> <p>Interested parties – gTLD, ccTLD, security community; direct or through SO, AC leads?</p> <p>Open consultation</p>			<p><i>Manning: relationship counseling needed.</i></p>
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<p>9. Is the relationship between the two parties well documented and understood?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>GAC Chair</p> <p>RSSAC leads</p> <p>SSAC leads</p> <p>Experts</p> <p>Interested parties – gTLD, ccTLD, security community; direct or through SO, AC leads?</p> <p>Open consultation</p>			
<p>10. Is there proper diversity of nameserver software amongst root-server operators?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>GAC Chair</p> <p>RSSAC leads</p> <p>SSAC leads</p> <p>Experts</p>			<p><i>Members of the community consider that there is a significant risk in the large fraction of the DNS – root, gTLD, ccTLD – running BIND, as a possible single point of failure.</i></p>

Interest
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parties
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gTLD,
ccTLD
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direct
or
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AC
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Open
consult
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*While the fraction
has diminished
over time, the risk
may still be
significant.*

*Since this risk is
not necessarily in
the “control” or
“influence”
reach, It is
desirable that it
be considered
highly in the
“contingency”
one, and be
moved to the ones
closer to
“control.”*

***BILL MANNING
ASSIGNED THE
TASK OF
GETTING THE
NUMBERS FOR
THE ROOT
EXACT AND
ACCURATE.***

***There are 7
versions of
software running
on the 13 root
servers. 4 are not
BIND:***

				<div>1. NSD</div> <div>2. Verisign bespoke</div> <div>3. ATLAS – VBIND is ATLAS with DNSSEC (not really a designator for the root) (CONFID ENTIAL INFORM ATION INVOLVE D)</div> <div>4. Autonomi ca – BIND derivative but not BIND; started with BIND source code</div> <div>(MCCALLA): approximately 65% of the ccTLDs running BIND or versions of BIND.</div>
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<p>1.2.2. Relationship with SSAC</p> <p>The key remit of the SSAC is to advise the board on ‘matters relating to the security and integrity of the internet’s naming and address allocation systems’, looking at operational, administrative and registration-related issues.</p> <p>The SSAC creates reports, advisories and comments in response to requests from the ICANN board, ICANN committees or committee task forces.</p> <p>The SSAC has recently undergone a review and completed an ‘Improvements Implementation Plan’ which was implemented and completed by 18 March 2011.</p>				
<p>11. Is the current ICANN-SSAC relationship correct and appropriate for mitigating the risk landscape?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>GAC Chair</p> <p>SSAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Public consultation</p>			<p><i>The Bylaws have removed the responsibility for risk landscape from SSAC. At this point the recipient of this responsibility is not clear enough – part assigned to a Board committee or study groups, part to the community.</i></p> <p><i>We believe that until these mechanisms are established the responsibility should continue with the SSAC.</i></p> <p><i>The implementation of the new structure should be accelerated. The Board structure for risk is being set up.</i></p>

<p>12. Have SSAC fully implemented the findings of the SSAC review?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>SSAC Chair</p>			<p><i>Statement is YES – we must read resolutions and judge ourselves</i></p>
<p>13. Is SSAC's remit correct or has it become too wide?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>SSAC Chair</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Public consultation</p>			<p><i>The questions refer less to the entire remit of the SSAC and more specifically to the responsibility of SSAC in relation to DNS SSR mission of ICANN (i.e. not necessarily including whois and other tasks.)</i></p> <p><i>Is the SSAC being diluted or distracted with tasks that consume energy and time from the DNS SSR responsibility?</i></p>

				<p><i>There is a possibility that the SSAC's report favorable to the introduction of new gTLDs was made without sufficient time to consider all relevant issues in sufficient depth. Factors like sovereign governments in specific countries going to block new gTLDs affect stability and resilience and SSAC may not have had enough time and independence to shape the analysis themselves.</i></p>
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REFORMULATIONS OF THE QUESTION:

Is the SSAC independent enough? Is the SSAC's independence in judging and making decisions respected?

<p>14. Is there confusion between the remit of SSAC and the remit for RSSAC, particularly where root server operations and scaling are concerned?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>SSAC Chair</p> <p>RSSAC Chair</p> <p>Experts</p> <p>Public consultation</p>			<p><i>SSR-RT ourselves have to provide our own answer, besides other parties.</i></p>
<p>1.3. Understanding the ICANN SSR plan</p> <p>The ICANN SSR plan for 2011 has improved over previous versions by introducing consideration of levels of influence that ICANN exerts over the parties which are able to generate and mitigate risks to the DNS. However, the plan is not specific enough when it comes to identifying responsibilities, priorities and goals, and tracking them. Budget clarity and exact breakdown of expenditures are lacking and there is no tracking foreseen.</p> <p>Questions and issues to consider:</p>				

<p>15. Is the SSR plan clear and unambiguous?</p>	<p>ICANN Chair</p> <p>ICANN CEO</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Public consultation</p>			<p><i>The SSR-RT does not rate this plan a 10 score.</i></p> <p><i>Opinions vary between 5 and 8.</i></p> <p>MANNING: <i>the goals are clear, how to get there is ambiguous.</i></p> <p><i>There is too much subjectivity.</i></p> <p><i>Measure vs. “SMART” (specific, measurable, achievable, relevant trackable)</i></p> <p><i>Look at high-level status report (not necessarily PUBLIC)</i></p>
<p>16. Is the plan consistent with ICANN’s ‘limited technical mission’?</p>	<p>ICANN Chair</p> <p>ICANN CEO</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Public consultation</p>			<p><i>Opinions vary in degree, from “NO” to a rating of “pretty good but specific areas went too far.”</i></p> <p>MANNING: OPERATIONAL RESPONSIBILITIES HAVE DRIVEN ICANN FAR BEYOND ITS LIMITED TECHNICAL MISSION</p>

<p>17. Is the SSR plan SMART? (if so, describe / explain how)</p>	<p>ICAN N Chair</p> <p>ICAN N CEO</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Public consult ation</p>			
<p>18. Are the SSR plans for specific areas overly enthusiastic?</p>	<p>ICAN N Chair</p> <p>ICAN N CEO</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Public consult ation</p>			<p><i>Absorb in prior question.</i></p>

<p>19. Is the SSR plan effective in dealing with actual and potential challenges and threats to the DNS?</p>	<p>ICAN N Chair</p> <p>ICAN N CEO</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Public consult ation</p>			<p>FLAG FOR CONCERN THAT THERE IS A GAP WITH THE MOVEMENTS OF THE SSAC SSR-RT RESPONSIBILITY.</p> <p><i>The plan does not seem to have ANY /SUFFICIENT process for planning. No mechanism for reviewing threats in a regular basis.</i></p> <p><i>SSAC punted this task for being too broad/too large.</i></p> <p>REVISIT</p>
<p>20. Is there a structured process for documenting and measuring the implementation of the SSR plan?</p>	<p>ICAN N CEO</p> <p>SSAC Chair</p>			<p><i>There is a process. Look in more detail.</i></p>
<p>21. Is there a good linkage between the SSR plan and the Strategic plan? Clarity will be explored.</p>	<p>ICAN N CEO</p> <p>SSAC Chair</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Public consult ation</p>			<p><i>Not enough linkage, not enough clarity.</i></p> <p><i>SSR-RT has to revisit, judge.</i></p>

<p>22. Is the comment from the Business Users' Community correct in demanding more focus on contract enforcement?</p>	<p>ICANN CEO</p> <p>ICANN Chair</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Contracted parties</p> <p>Experts</p> <p>ALAC Chair</p> <p>Public Consultation</p>			<p><i>It is important that contracts (registry, registrar, etc.) are enforced and analyzed for their impact on SSR (fast-flux, etc.), and new agreements should be more SSR-aware. Compliance should include best current practice, which should become part of the contracts in an intelligent way (remit to accepted source of BCP.)</i></p> <p><i>In a crisis, there are emergency actions and fixes that have to be enacted.</i></p> <p><i>The process for changing the contracts is the bottom-up PDP; this may be too slow and cumbersome for these emergencies.</i></p>
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<p>23. Is the process for the creation of the SSR Plan sufficiently transparent?</p>	<p>ICANN CEO</p> <p>SSAC Chair</p> <p>GAC Chair</p> <p>SO and AC leads</p> <p>Experts</p> <p>Public consultation</p>			<p><i>Improvements are desirable. We will be providing some recommendations. The process is quite transparent, but participation is not enough, and not promoted enough.</i></p> <p><i>The DSSA may contribute to this goal.</i></p>
<p>1. Implementation of SSR plan and operational SSR matters</p> <p>The review will consider the extent to which ICANN's existing SSR plan has established effective strategies to enhance the security, stability and resiliency of the DNS. It also will analyze ICANN's processes for addressing SSR issues in its budget, organization, strategic plans and policy development process.</p> <p>1.1. Implementing the ICANN SSR plan</p> <p>ICANN is responsible for not only crafting a plan, but also implementing the measures and activities contained within the document. These measures should have clear and actionable plans and be linked to an organizational structure that is measured against its success in implementing the plan. It's clear that responsibilities for implementation lie across different areas within the ICANN organization, but the plan should be able to traverse these and provide clarity around roles and responsibilities.</p> <p>Questions and issues to consider:</p>				
<p>24. Is the resource allocation for SSR clear and how is its performance measured?</p>				<p>ASK, answer, report, request comments.</p>

25. Is it clear that ICANN has been implementing the stated SSR activities and are these activities well documented?				(kind of covered above)
26. How does ICANN operationally manage day-to-day SSR functions?				ASK, answer, report, request comments.
27. Should more effort be given to prioritize initiatives in the SSR plan?				Dependent on above.
28. Special expertise in cryptography is not mentioned in SSR plan, so where is the need?				ASK, answer, report, request comments.
29. Why was security for the ICANN meeting in Nairobi charged to the SSR budget instead of to ICANN's meeting budget?				<p>ASK, answer, report, request comments.</p> <p><i>REMOVE QUESTION</i></p> <p><i>OR CHANGE: Has ICANN committed enough resources for SSR? (and not diluted them.)</i></p>

1.2. Managing the root zone

ICANN is tasked with managing the root zone through a relationship with both Verisign and IANA. All changes to the root zone are also approved by the US government body, the NTIA. Against this complex framework, ICANN has set itself the goal of '100% DNS uptime'. The addition of new gTLDs, in large numbers, to the root zone will have a significant impact on these relationships as well as the impact of technologies such as IPv6 and DNSSEC.

Questions and issues to consider:

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<p>30. Are the rules for root zone editing in the triangular relationship ICANN/NTIA/Verisign secure enough? Do they contribute to stability and resilience of the DNS within ICANN's scope and mandate? (What is the risk analysis for these processes?)</p>	<p>ICANN Chair</p> <p>ICANN CEO</p> <p>IANA Lead</p> <p>SSAC Chair</p> <p>NTIA</p> <p>SO and AC leads</p> <p>Stakeholders – ccTLD, gTLD, IETF, IAB Experts</p>			<p><i>Separate into two question:</i></p> <p><i>1. are the processes secure (eg against spoofing, stealth redelegation, spying during process.)</i></p> <p><i>2. Impact of process “as is” on SSR:</i></p> <p><i>Complaints for slowness</i></p> <p><i>IANA/ICANN being made responsible</i></p> <p><i>Opportunities for politics of delay and other mischief</i></p> <p><i>Procedures documented; MANING will provide text, from pre-publication draft of ROOT SCALABILITY STUDY</i></p> <p><i>Limited but not insignificant impact of slow changes to the root in cases like compromised keys – you may need it fast</i></p>
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<p>31. Which are the relevant processes that affect IANA?</p>	<p>ICAN N Chair</p> <p>ICAN N CEO</p> <p>IANA Lead</p> <p>SSAC Chair</p> <p>NTIA</p> <p>SO and AC leads</p> <p>Stakeh olders – ccTLD , gTLD, IETF, IAB</p> <p>Experts</p>			<p><i>Description to be provided by MANNING as above</i></p>
<p>32. Which criteria does IANA have and how are they applied?</p>	<p>ICAN N Chair</p> <p>IANA lead</p> <p>Stakeh olders – ccTLD , gTLD, IETF, IAB</p>			<p><i>Do we need this question? Is it too far from the SSR criteria or can it be focused?</i></p> <p><i>The question is considered redundant; in part it contributes little, in part what little it contributes is gathered through other questions as well</i></p>

<p>33. Is there contention between NTIA and IANA, and if so, why? Does it have a bearing on SSR of the DNS? How should this be managed?</p>	<p>ICANN Chair</p> <p>IANA lead</p> <p>Stakeholders – ccTLD , gTLD, IETF, IAB</p> <p>RSSAC Lead</p> <p>GAC Chair</p> <p>NTIA</p> <p>SSAC Chair</p> <p>Experts</p>			<p><i>CHANGE CONTENTION TO evolution of the IANA-NTIA function</i></p> <p><i>A scenario in which the GAC or a subset of it takes up this function will be of slow change. It will be stable but likely not secure, and surely not resilient because the flexibility and surely not more resilient, due to loss of agility in the response to crisis and emergencies</i></p>
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<p>34. Is the relationship between ICANN and IANA clear?</p>	<p>ICANN Chair</p> <p>IANA lead</p> <p>Stakeholders — ccTLD , gTLD, IETF, IAB</p> <p>RSSAC Lead</p> <p>GAC Chair</p> <p>NTIA</p> <p>SSAC Chair</p> <p>Experts</p>			<p>redundant</p>
<p>35. Decisions made by NTIA are beyond the scope of the review; ICANN's management of them is within the scope of the review and has a high priority.</p>				<p>redundant</p>

<p>36. Is ICANN properly managing the risk of not getting the IANA contract?</p>	<p>ICANN Chair</p> <p>IANA lead</p> <p>Stakeholders – ccTLD, gTLD, IETF, IAB</p> <p>RSSAC Lead</p> <p>GAC Chair</p> <p>NTIA</p> <p>SSAC Chair</p> <p>SO and AC Leads</p> <p>Experts</p>			<p>redundant</p>
<p>37. How is ICANN managing risks coming from changes in the IANA contract?</p>	<p>ICANN Chair</p> <p>ICANN CEO</p>			<p><i>ASK ICANN</i></p>

<p>38. What is in the NTIA / ICANN relationship that may endanger SSR and what factors of this relationship enhance SSR of the DNS?</p>	<p>ICANN Chair</p> <p>IANA lead</p> <p>Stakeholders — ccTLD, gTLD, IETF, IAB</p> <p>RSSAC Lead</p> <p>GAC Chair</p> <p>NTIA</p> <p>SSAC Chair</p> <p>Experts</p> <p>Public consultation</p>			<p>redundant</p>
<p>39. Is there a contingency planning for risks in that relationship?</p>	<p>ICANN Chair</p> <p>ICANN CEO</p> <p>SSAC Chair</p> <p>IANA Lead</p> <p>NTIA</p>			<p><i>Include the risk of NTIA changing rules</i></p>

<p>40. Complaints by ccTLD managers with respect to IANA and the processing of requests for changes in the root may indicate or constitute risk factors (including actual and perceived consequences of components of the legal framework such as OFAC) – does ICANN have enough control over the process and the risks? Are the risks properly managed?</p>	<p>ICANN Chair IANA lead Stakeholders – ccTLD, gTLD, IETF, IAB RSSAC Lead GAC Chair NTIA SSAC Chair Experts Public consultation</p>			<p>SEPARATE OFAC FROM COMPLAINTS</p> <p>REMOVE OFAC AS IT WOULD BE SUBSTITUTED, IF REMOVED, BY OTHER SOVEREIGN-STATE RULE.</p> <p><i>Does ICANN have enough control over the process and the risks? Are the risks properly managed?</i></p> <p><i>The SSR-RT drafting team is little inclined to open up this line of investigation. Politicizing the report may be unproductive.</i></p>
<p>41. How does ICANN react in case of high risk? What procedures are in place? How, in what depth, and with what frequency are they tested?</p>	<p>ICANN CEO ICANN Chair SSAC Chair RSSAC Lead</p>			<p><i>Obtain details of contingency planning, including decisions at the Board level.</i></p>
<p>42. How does ICANN inform stakeholders in case of high risk?</p>	<p>ICANN CEO ICANN Chair</p>			<p>Redundant, with the above</p>

43. Are actions from the Board foreseen in case of high risk? Do procedures established for contingency management include provisions for what to do if decisions of the highest level are required but cannot be readily achieved by regular procedures?	ICANN CEO ICANN Chair			Redundant, with the above two
RISK OF CAPTURE				RISK OF CAPTURE
General questions				
Identity if needed, anonymity if relevant				
Demographics if needed				
Establish level of authority for reply: <ul style="list-style-type: none"> - expertise - institutional position - conflicts of interest, bias - predictable repetition with others, redundancy - analytical framework applied 				
What are the 5 most important risks the global DNS faces? (explain; if possible include source of risk, nature of risk – vulnerability, threat, impact – and management.)				
What is ICANN doing particularly well to manage DNS risks? (list 3) (explain; if possible include source of risk, nature of risk – vulnerability, threat, impact – and management.)				
What are the 3 risks to the DNS that are being most poorly managed? (explain; if possible include source of risk, nature of risk – vulnerability, threat, impact – and management.)				

Work Packets

Work packet no	Questions included	Title	People	Hours
1	1, 2	Clear SSR Remit	McCalla, Xiaodong	5

2	3	Deviation from SSR mandate	McCalla, Xiaodong	10
3	4	Assignment of SSR tasks	McCalla, Xiaodong	10
4	5	Community perceptcion	McCalla, Xiadoong	8
5	6	DNS Availability	Pisanty	10
6	7, 9	ICANN-RSSAC relationship docs	Pisanty	12
7	8	ICANN-RSSAC relationship right? & gaps	Pisanty	10
8	44,45	Number of root servers, architecture	Manning	30
9	10	Software diversity	Hannigan	20
10	11, 12, 13, 14	ICANN-SSAC relationship	Cake	20
11	15, 17, 18	SSR plan clear, consistent, SMART	Brueggeman	8
12	16	SSR plan consistent with mission	Brueggeman	8
13	19	SSR plan effective re challenges & threats	Manning	20
14	20, 21	Process to document, measure SSR plan/linkage to strategic plan	Brueggeman	12
15	22, 23	Contract compliance, transparency of process for SSR plan	Brueggeman	8
16	24, 25, 26, 27, 28, 29	Implementation, resources	McCalla, Pisanty	30
17	30, 31, 33, 37, 38, 39, 40	Root zone editing, NTIA-IANA procedures	Manning, Pisanty	30
18	41, 42, 43	ICANN response to high risk situations	Rafting	24
19	ALL	Report framework	Brueggeman	24

Participant	Work Packet	Hours
Manning	8, 13, 17	80
McCalla	1, 2, 3, 4, 16, 19	73

Brueggeman	11, 12, 14, 15, 19	42
Pisanty	5, 6, 7, 16, 17, 19	92
Hannigan	9	20
Rafting	18	24
Cake	10	20
Xiaodong	1, 2, 3, 4	43

CALENDAR

2 weeks (approx August 5, 2011) Teleconference for progress assessment

4-5 weeks (approx Sept 9, 2011) Checkpoint of progress and teleconference. Substantive progress must appear.

6-7 weeks teleconference

8 weeks (end of September) Checkpoint

10 weeks (3 weeks before Dakar meeting) preliminary document, document covering all subjects